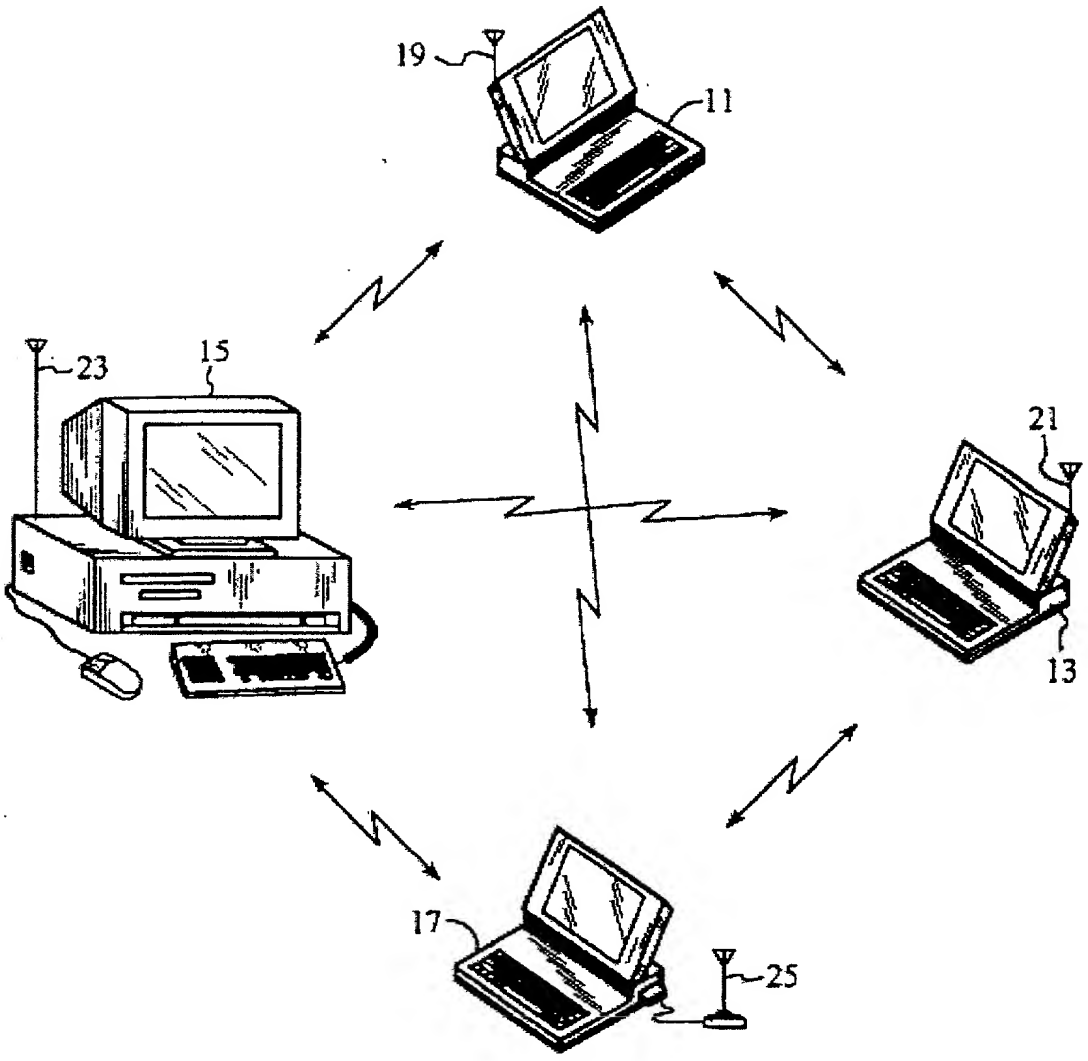

FIG. 1
(PRIOR ART)

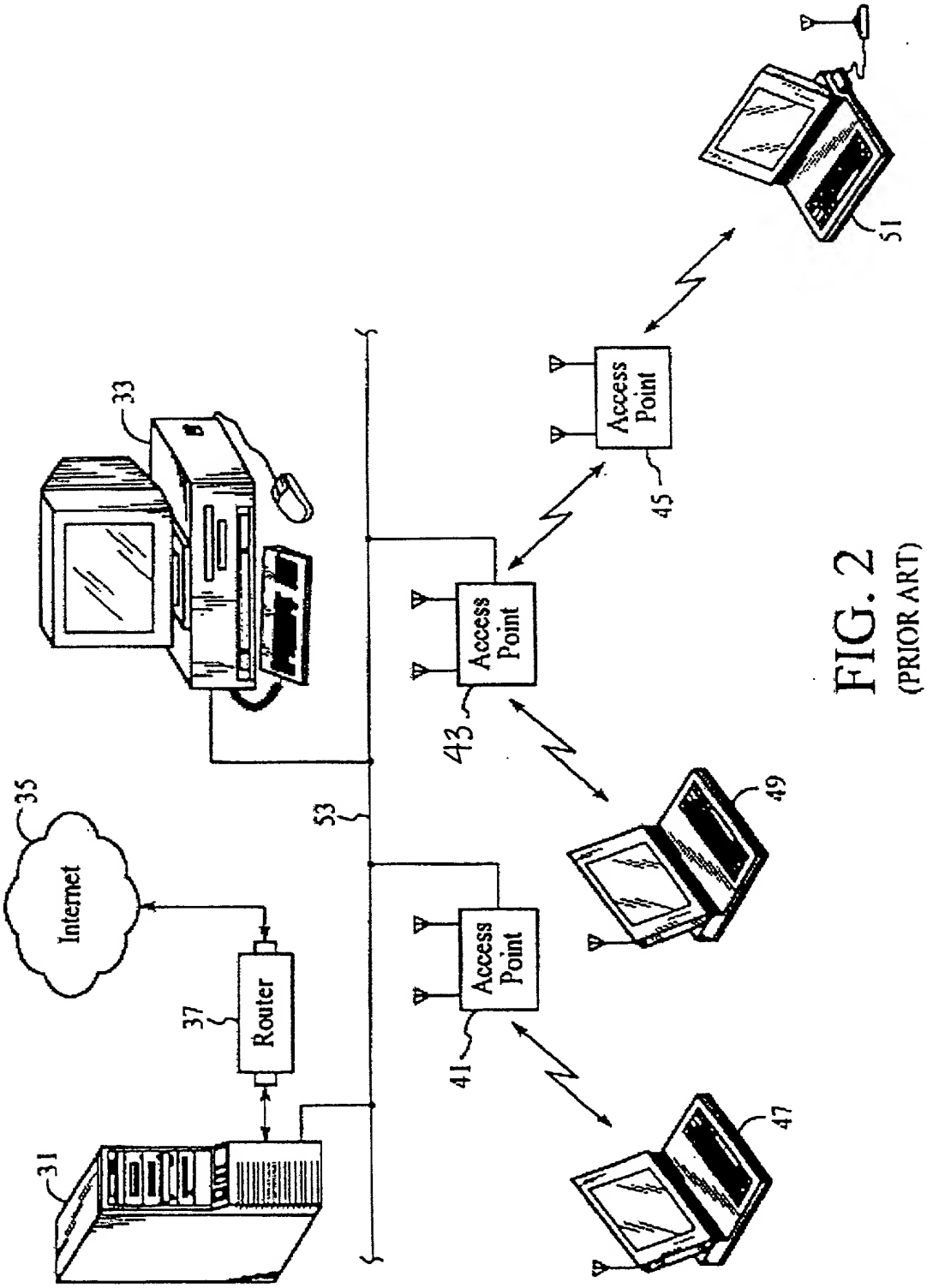

FIG. 2
(PRIOR ART)

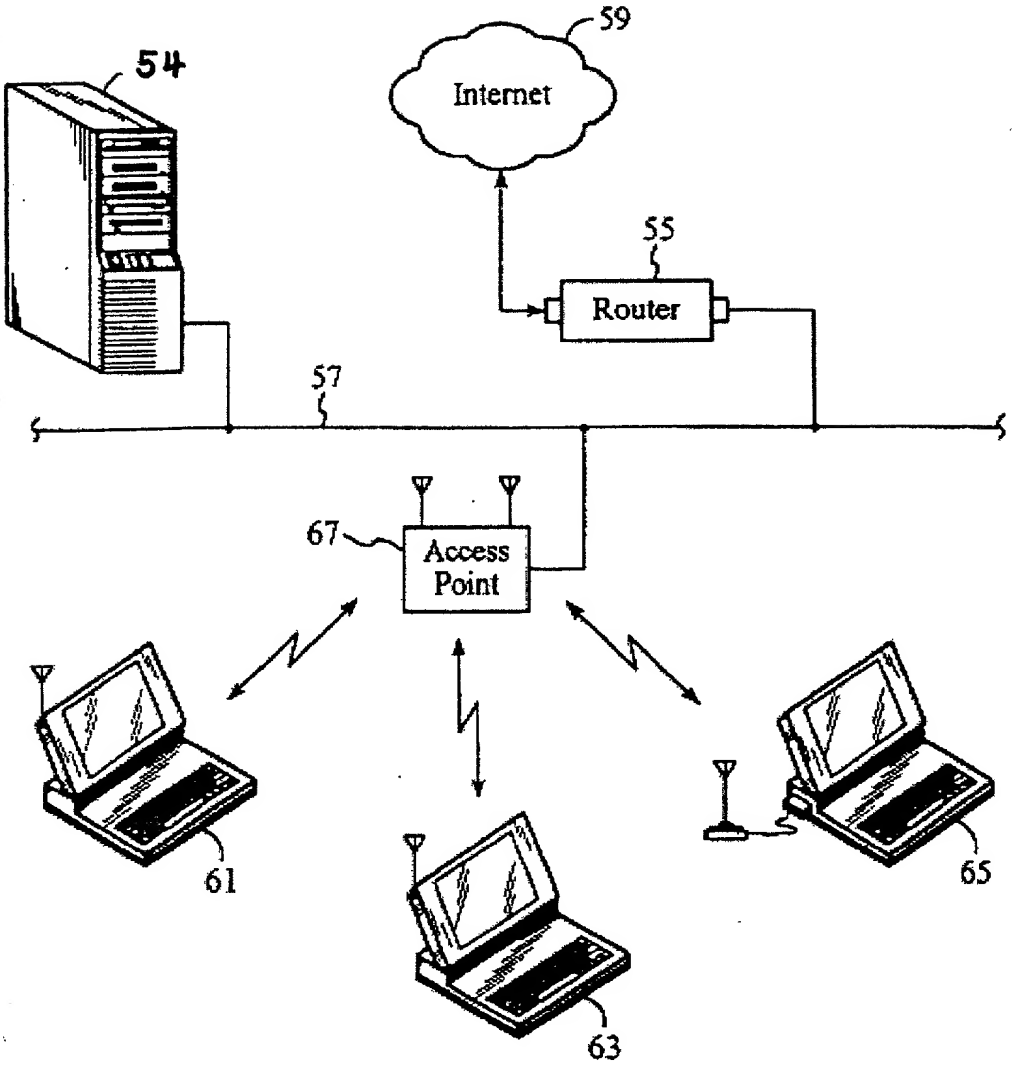

FIG. 3
(PRIOR ART)

4/10

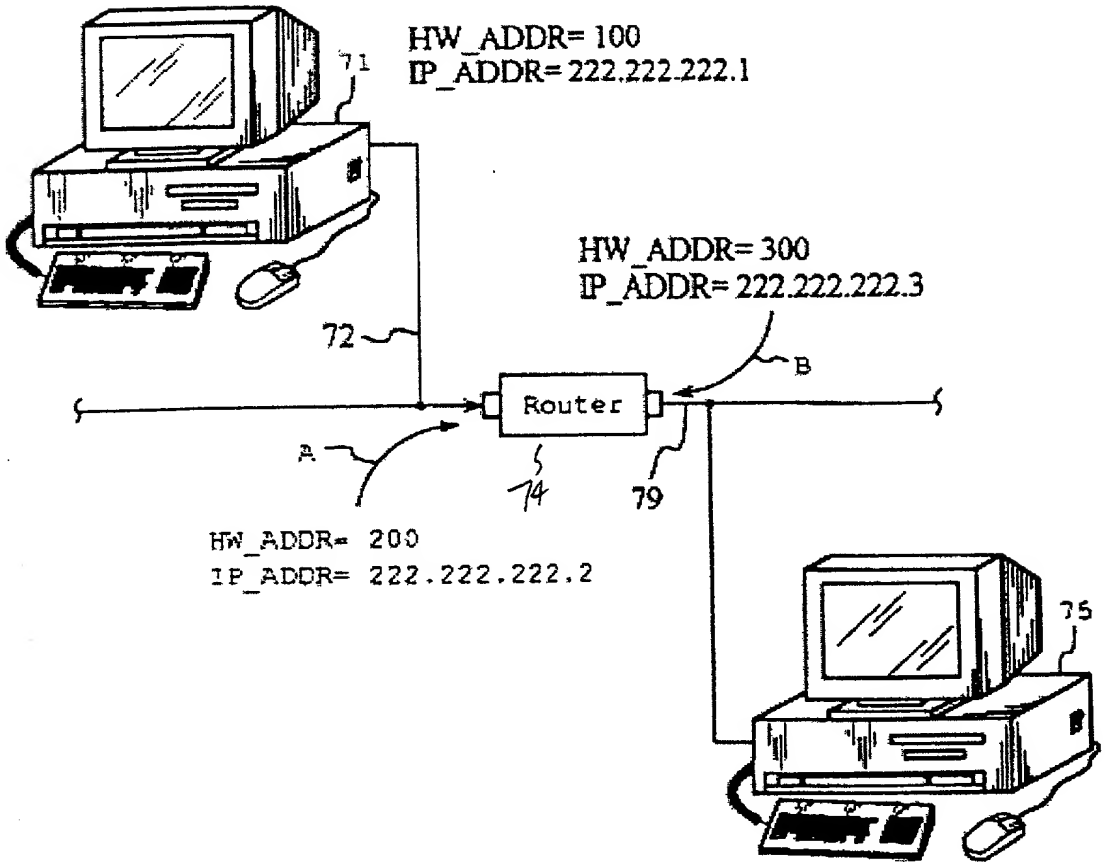

FIG. 4

(PRIOR ART)

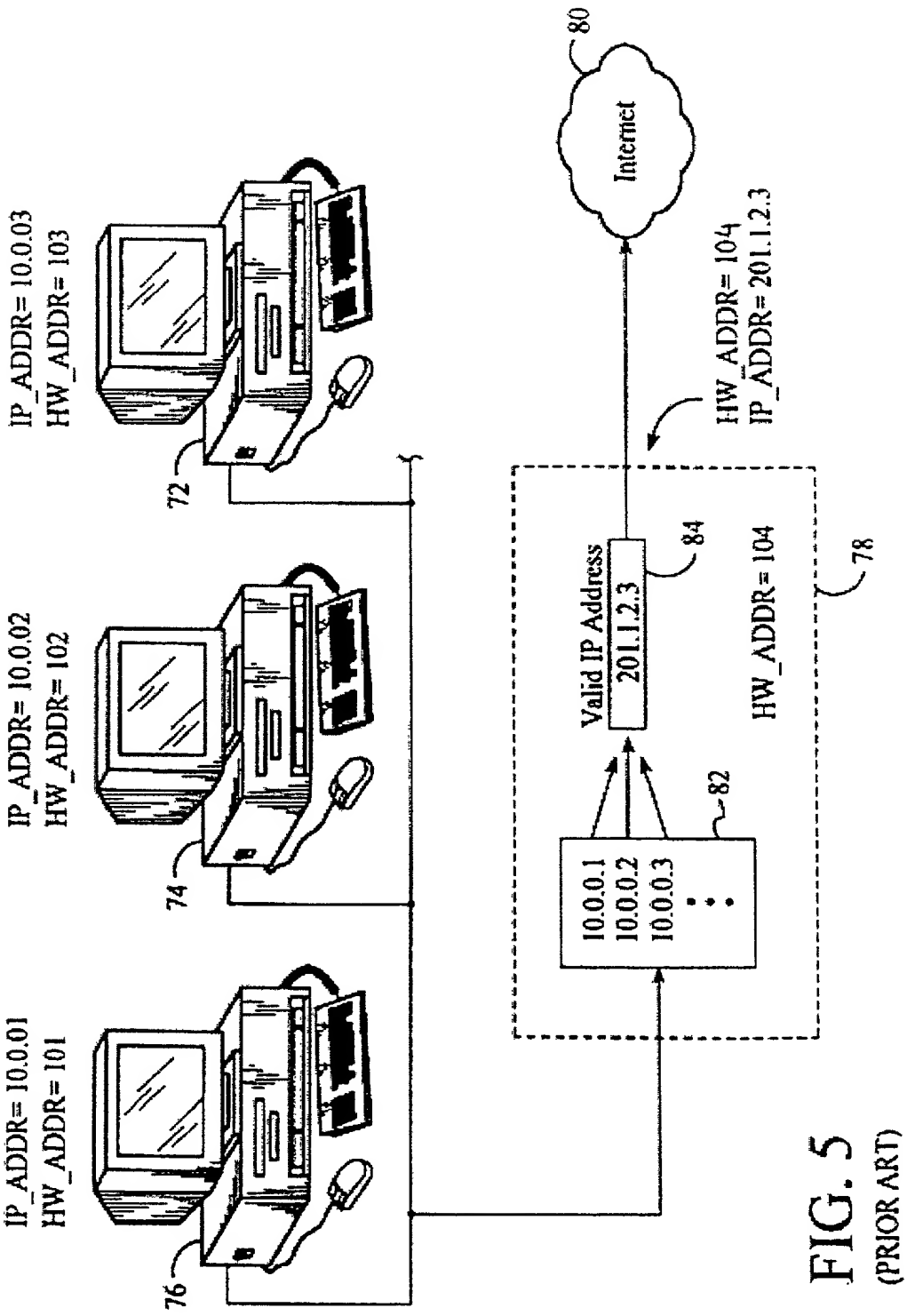

FIG. 5
(PRIOR ART)

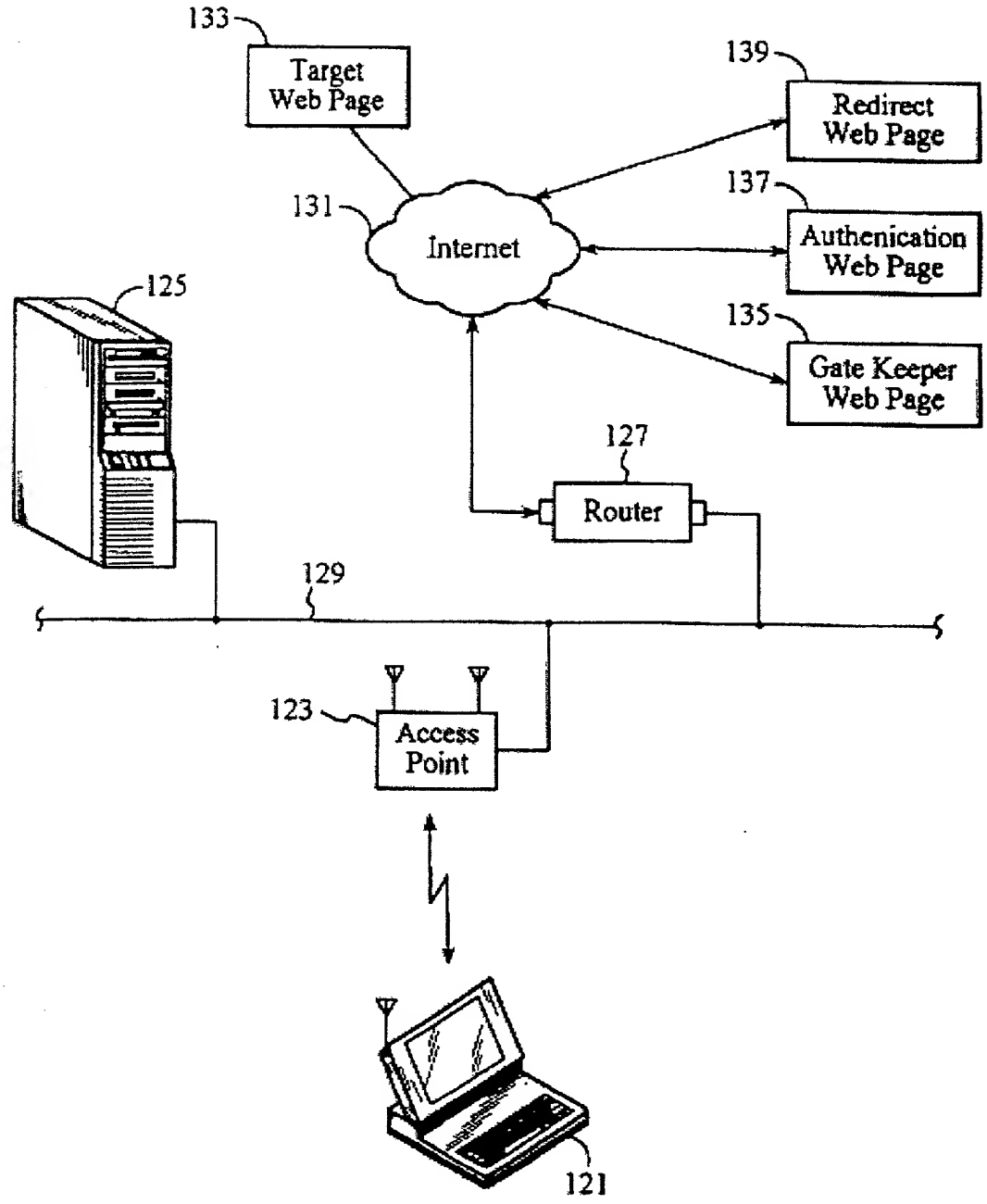
133
Target Web Page
139
Redirect Web Page
131
Internet
137
Authenication Web Page
125
135
Gate Keeper Web Page
127
Router
129
123
Access Point
121

FIG. 6

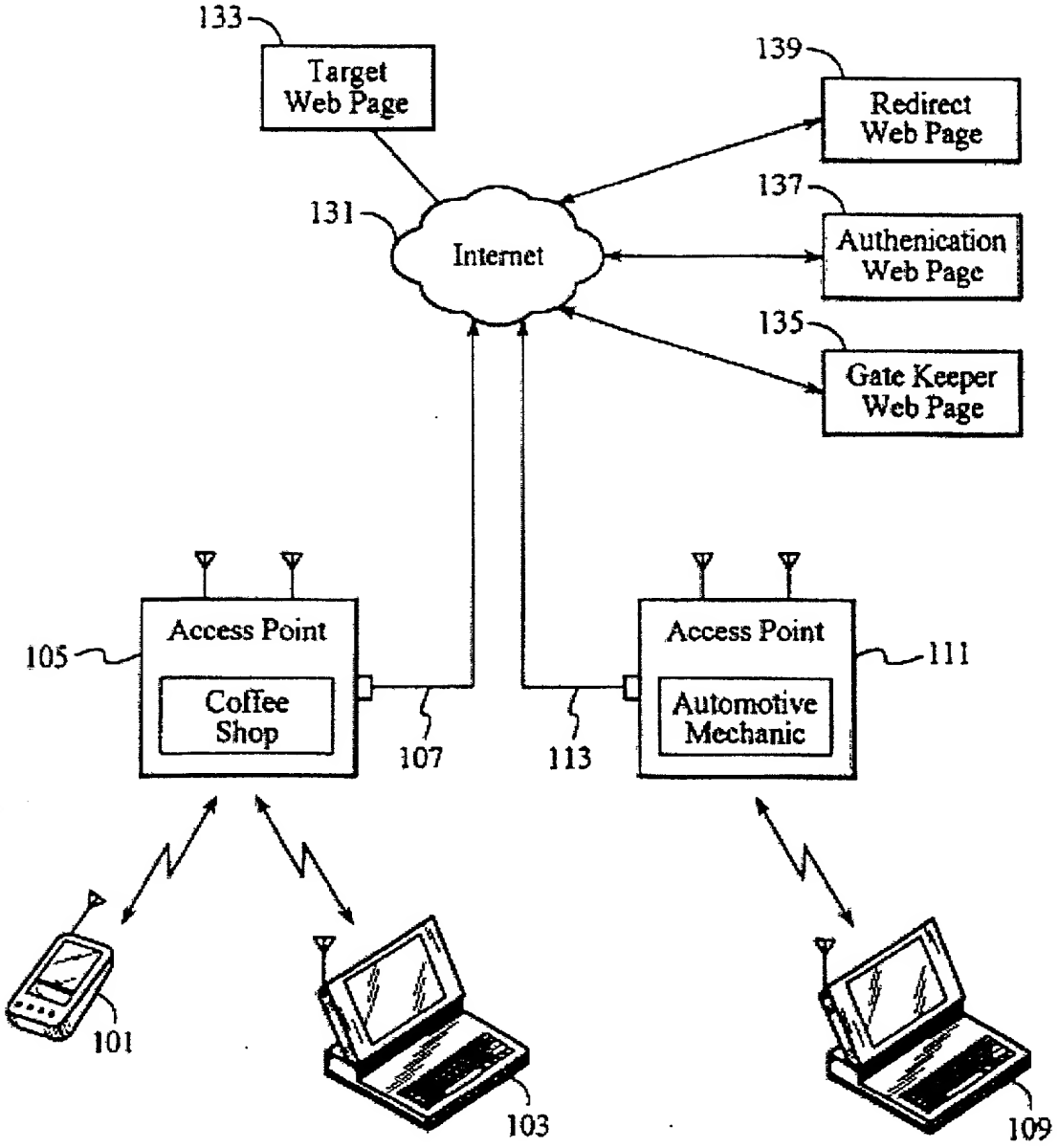
133
Target Web Page
139
Redirect Web Page
131
Internet
137
Authenication Web Page
135
Gate Keeper Web Page
Access Point
105
Coffee Shop
107
113
Access Point
111
Automotive Mechanic
101
103
109

FIG. 7

Patent Application Publication

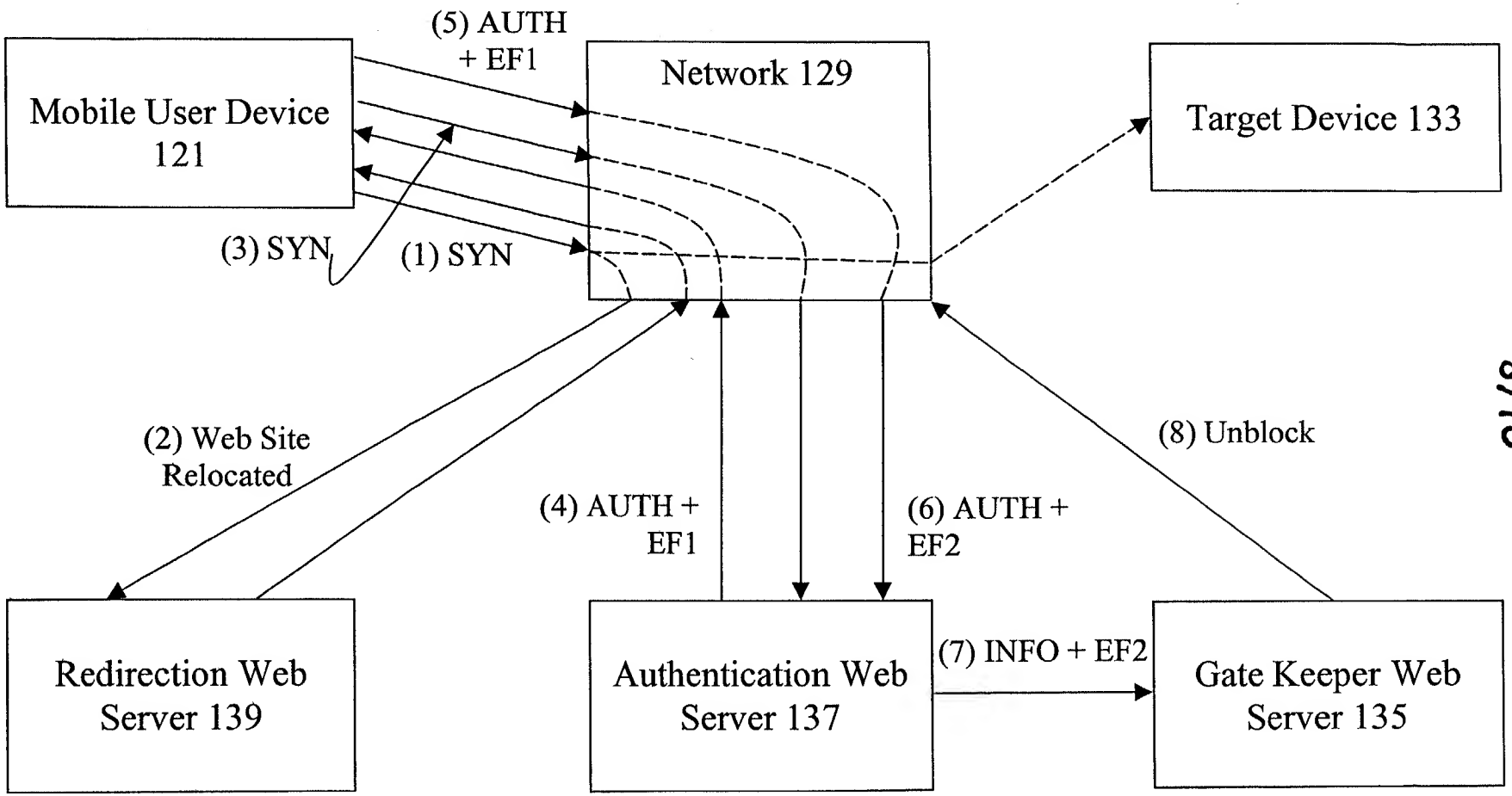

FIG. 8

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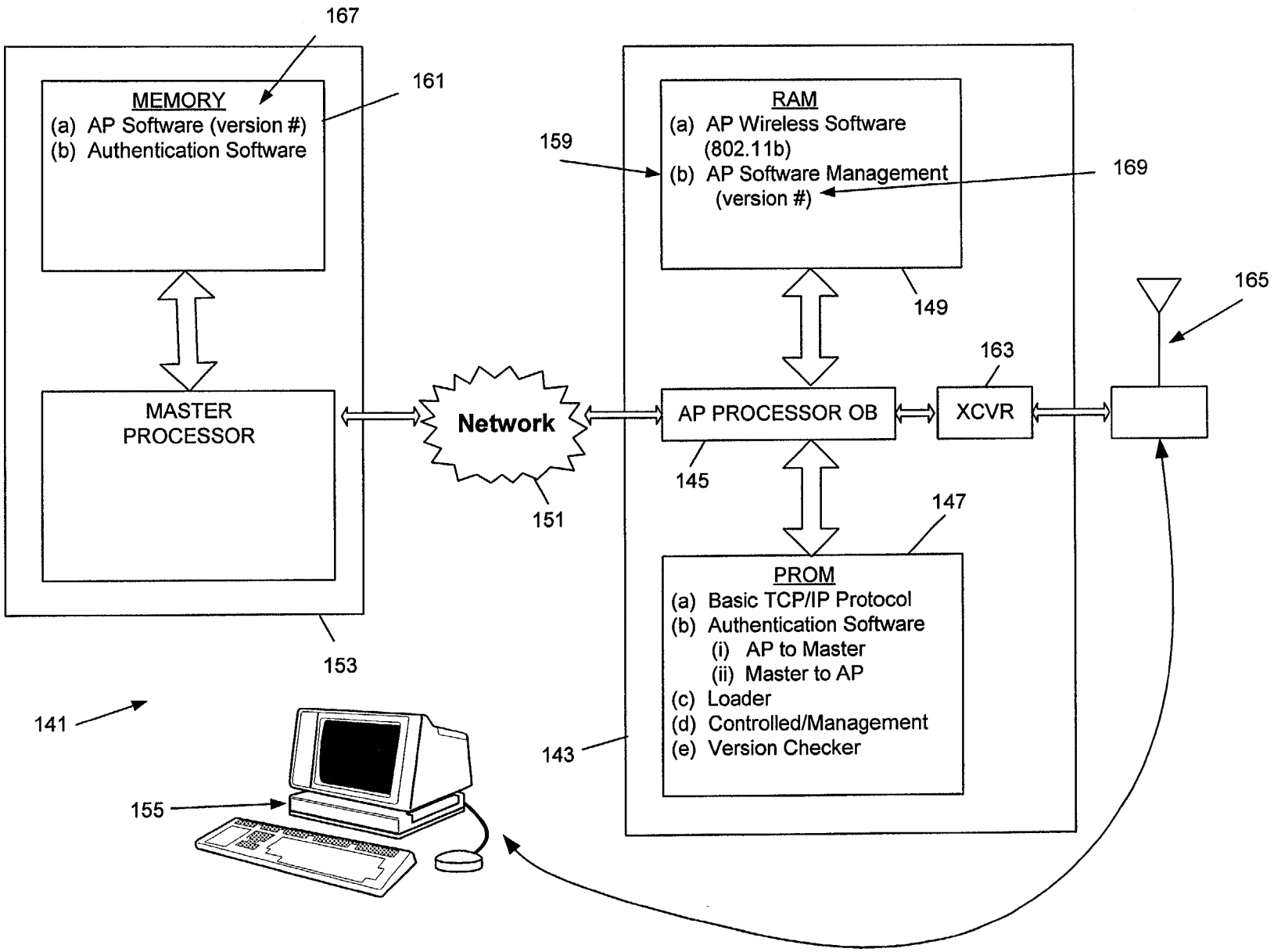

FIG. 9

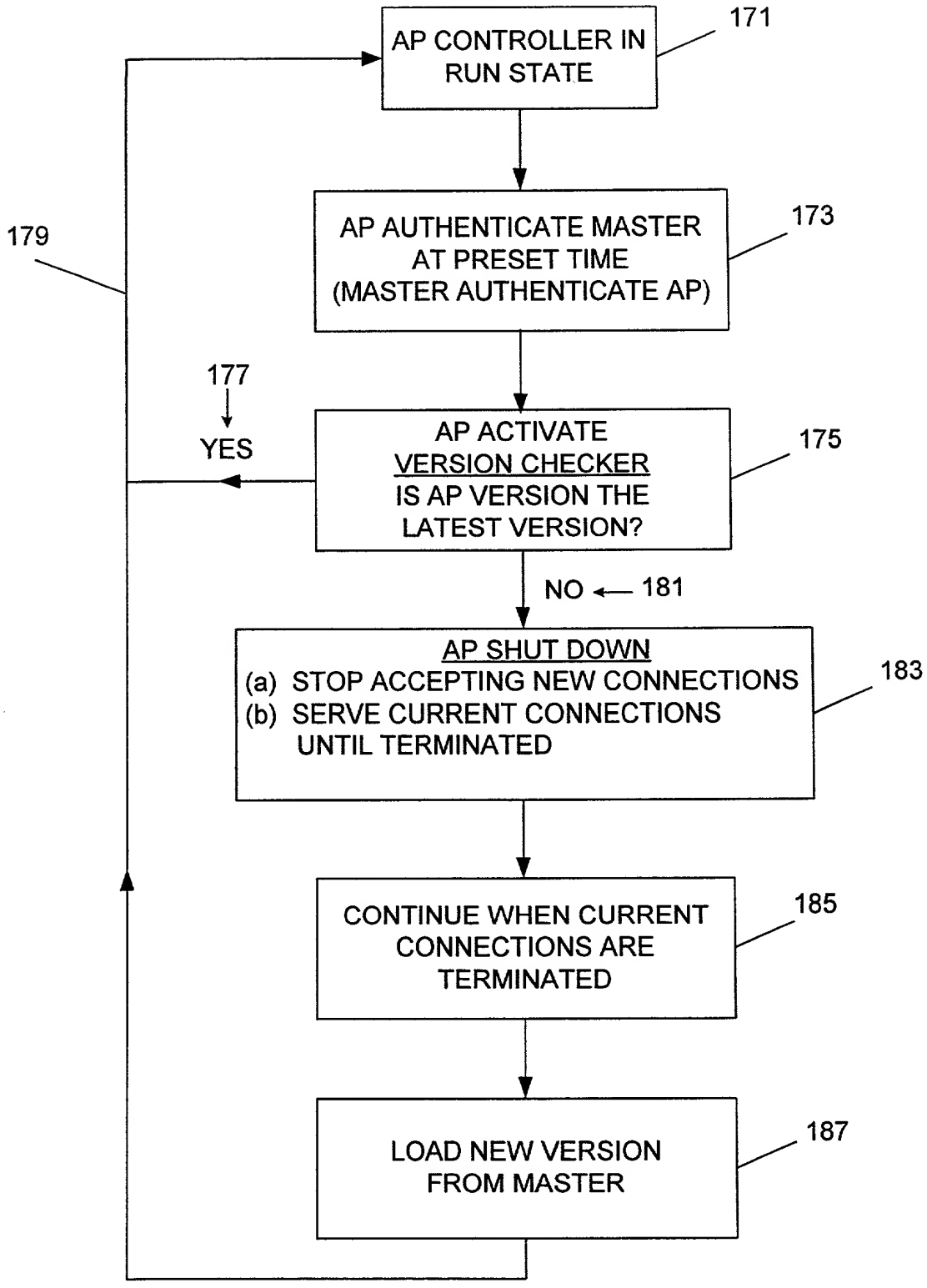
AP CONTROLLER IN RUN STATE
171
AP AUTHENTICATE MASTER AT PRESET TIME (MASTER AUTHENTICATE AP)
173
179
177
YES
AP ACTIVATE VERSION CHECKER IS AP VERSION THE LATEST VERSION?
175
NO
181
AP SHUT DOWN
(a) STOP ACCEPTING NEW CONNECTIONS
(b) SERVE CURRENT CONNECTIONS UNTIL TERMINATED
183
CONTINUE WHEN CURRENT CONNECTIONS ARE TERMINATED
185
LOAD NEW VERSION FROM MASTER
187

FIG. 10